



Beetroot



English Cucumber



Sweet Potato



Watermelon



Sweet melon



Lettuce .



Cauliflower



Broccoli



Mushroom



HORTICULTURE: VEGETABLES PRODUCTION FORECAST

REPORT NO 3

FORECASTED PERIOD:

01 OCTOBER 2021 TO 28 FEBRUARY 2022

**Agronomy and Horticulture Market Development
Division**

Horticulture Market Development Subdivision

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1. INTRODUCTION

Report no. 3, covers the local production forecast for the **five special controlled products** i.e., **Beetroot, English Cucumber, Sweet Potato, Watermelon and Sweet melon and Lettuce** as well as **3 monitored crops** i.e., **Cauliflower, Broccoli and Mushroom**. The production of the special controlled products is monitored by NAB and involves close border period whenever sufficient local production is expected, and this scheme is implemented in line with the market share promotion scheme to stimulate local production of horticultural products in Namibia, as a growth at home strategy implemented by the NAB. Monitored crops are those horticultural crops whose production is closely monitored, and have the greatest potential to be converted as special controlled products in the future. Hence, they are not part of the special controlled scheme yet and during the close border period they are imported as part of mixed fruit and vegetables import permit valid for 90 days. Thus, this report discusses the production forecast per production area (table 2), availability of the expected crops per producer (table 2A), tabulation (table 3A) and graphical (figure 1 to 11) analysis for the expected production versus local demand for this reporting period.

Table 1 below show the inclusions and exclusions of the special controlled products

Special Controlled Product	INCLUSIONS (Not allowed to be imported, only during open border period)	EXCLUSIONS (Allowed to be imported with no restriction)
Beetroot	All types, size groups and container size of fresh, chilled, Whole or Cut red fleshed Beetroot, except the "Exclusions".	Yellow, white and golden fleshed Beetroot. All frozen, dried, cooked and preserved beetroot (Whole or Cut). Including Juice/Jam
English Cucumber	All types, size groups and container size of fresh, chilled, Whole or Cut English Cucumber, except the "Exclusions".	Preserved English Cucumber, other types of cucumbers. All frozen, dried, cooked and preserved English Cucumber (Whole or Cut).
Sweet Potato	All types, size groups and container sizes of fresh, chilled, Whole or Cut Sweet Potato, except the "Exclusions".	Yellow/Cream fleshed Sweet potato (Zambian type), Purple Sweet Potato. All frozen, dried, cooked, and preserved Sweet Potato (Whole or Cut).
Watermelon	All types, size groups and container size of fresh, chilled, Whole or Cut Watermelon, except the "Exclusions".	All Watermelon Juices and Jam.
Sweet melon	All types, size groups and container size of fresh, chilled, Whole or Cut Sweet Melon, except the "Exclusions".	All Sweet melon Juices and Jam.

Source: NAB,2021

Whole: any fresh fruit or vegetable that have not been altered from its original form.

Cut: any fresh fruit or vegetable that has been physically altered from its original form, but remains in a fresh state.

Dried: any Fresh fruit or vegetable that have been dried or dehydrated, either whole or in pieces/cuts.

Frozen: any fresh fruits or vegetables that have had their temperature reduced and maintained to below their freezing point.

Chilled: any fresh fruit or vegetable with the temperature reduced to around 0C without the products being frozen.

Cooked: Refers to fruit and vegetables that are cooked by steaming or boiling in water, either whole or in pieces/cuts.

Preserved: Refers to fresh fruit and vegetables soaked in brine or vinegar, or other liquids, either whole or in pieces/cuts.

2. PRODUCTION TONNAGE EXPECTED PER AREA

Table 1A, indicates that, during the reporting period, the biggest portion of Beetroot is expected to be harvested in the Karst while English Cucumber is from Central production zone. Furthermore. While table 1B shows that Mushroom, Broccoli and Cauliflower will be harvested from Karst, Central and South and Orange respectively.

Table 1A: Monthly expected production per area, per crop for the period 01 Oct 2021 - 28 Feb 2022															
Numbers in the table below represents tonnage expected to harvested for local and export market														Last updated: 19 Sep 2021	
PRODUCTION AREAS	CROPS	1-15 Oct 21		16-30 Oct 21		Nov-21		Dec-22		Jan-21		Feb-22		Total (for the 5 months period)	
		Local	Export	Local	Export	Local	Export	Local	Export	Local	Export	Local	Export	Yield	Ha to be harvested
ZAMBEZI	Beetroot	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.67	0.08
	English Cucumbers	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00
	Sweet Potatoes	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.27	0.01
	Watermelon	2.6	0.0	9.7	0.0	4.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.77	0.37
	Sweetmelon	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00
	Lettuce	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00
KAVANGO	Beetroot	0.0	0.0	0.0	0.0	8.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.10	0.52
	English Cucumbers	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00
	Sweet Potatoes	0.0	0.0	3.0	0.0	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.91	0.42
	Watermelon	0.0	4.0	5.9	0.0	324.9	0.0	464.0	0.0	0.0	0.0	0.0	0.0	798.83	20.78
	Sweetmelon	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.68	0.46
	Lettuce	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.000
NORTH CENTRAL	Beetroot	1.0	0.0	0.0	0.0	5.5	0.0	4.2	0.0	0.0	0.0	0.0	0.0	10.65	0.92
	English Cucumbers	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00
	Sweet Potatoes	94.3	0.0	3.0	0.0	79.8	0.0	48.7	0.0	0.6	0.0	0.0	0.0	227.11	14.51
	Watermelon	115.2	0.0	0.0	0.0	159.3	0.0	33.5	0.0	55.5	0.0	9.0	0.0	372.45	14.52
	Sweetmelon	13.9	0.0	0.0	0.0	12.0	0.0	1.3	0.0	0.0	0.0	0.0	0.0	27.22	1.91
	Lettuce	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00
KARSTLAND	Beetroot	56.5	0.0	10.0	0.0	89.5	0.0	85.5	0.0	41.0	0.0	58.5	0.0	341.04	19.34
	English Cucumbers	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00
	Sweet Potatoes	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	20.0	0.0	0.0	0.0	30.00	1.00
	Watermelon	0.0	0.0	0.0	0.0	240.0	0.0	640.5	0.0	272.0	0.0	0.0	0.0	1152.50	22.20
	Sweetmelon	0.0	0.0	0.0	0.0	9.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.00	0.75
	Lettuce	5.0	0.0	5.0	0.0	10.0	0.0	10.0	0.0	10.0	0.0	10.0	0.0	50.75	0.00

Table 1A. continues....

CENTRAL	Beetroot	38.4	0.0	12.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0	82.40	2.57
	English Cucumbers	125.5	0.0	125.1	0.0	176.5	0.0	183.5	0.0	183.5	0.0	129.5	0.0	903.20	18.99
	Sweet Potatoes	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00
	Watermelon	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00
	Sweetmelon	5.0	0.0	5.0	0.0	5.0	0.0	5.0	0.0	5.0	0.0	5.0	0.0	30.00	0.50
	Lettuce	52.5	0.0	42.5	0.0	95.0	0.0	95.0	0.0	95.0	0.0	95.0	0.0	425.00	17.20
SOUTH AND ORANGE RIVER	Beetroot	135.0	0.0	15.0	0.0	28.0	0.0	26.0	0.0	26.0	0.0	0.0	0.0	135.00	4.20
	English Cucumbers	0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00
	Sweet Potatoes	0.0	0.0	60.0	0.0	65.0	0.0	50.0	0.0	0.0	0.0	0.0	0.0	175.00	4.00
	Watermelon	0.0	0.0	120.0	0.0	370.0	0.0	310.0	0.0	190.0	0.0	60.0	0.0	1440.00	13.00
	Sweetmelon	0.0	0.0	60.0	0.0	120.0	0.0	120.0	0.0	60.0	0.0	0.0	0.0	450.00	9.00
	Lettuce	7.0	0.0	7.0	0.0	11.0	0.0	7.0	0.0	7.0	0.0	0.0	0.0	39.00	0.70
Total expected production per crop per month	Beetroot	232.6	0.0	37.0	0.0	131.1	0.0	119.7	0.0	67.0	0.0	58.5	0.0	578.86	27.63
	English Cucumbers	125.5	0.0	130.1	0.0	176.5	0.0	183.5	0.0	183.5	0.0	129.5	0.0	903.20	18.99
	Sweet Potatoes	95.6	0.0	66.0	0.0	148.6	0.0	108.7	0.0	20.6	0.0	0.0	0.0	437.29	19.94
	Watermelon	117.7	4.0	135.6	0.0	1098.8	0.0	1448.0	0.0	517.5	0.0	69.0	0.0	3780.55	70.86
	Sweetmelon	18.9	0.0	65.0	0.0	146.0	0.0	136.3	0.0	65.0	0.0	5.0	0.0	517.90	12.62
	Lettuce	64.5	0.0	54.5	0.0	116.0	0.0	112.0	0.0	112.0	0.0	105.0	0.0	514.75	17.90

Table 1A. continues....

Table 1B: Monthly expected production per area, per crop for the period 01 Oct 2021 - 28 Feb 2022															
Numbers in the table below represents tonnage expected to harvested for local and export market														Last updated: 23 Sep 2021	
PRODUCTION AREAS	CROPS	1-15 Oct 21		16-31 Oct 21		Nov-21		Dec-21		Jan-22		Feb-22		Total (for the 5 months period)	
		Local	Export	Local	Export	Local	Export	Local	Export	Local	Export	Local	Export	Yield	Ha to be harvested
CENTRAL	Cauliflower	1.3	0.0	1.3	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.00	0.20
	Broccoli	1.6	0.0	0.0	0.0	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.20	0.50
	Mushroom	4.0	0.0	4.0	0.0	8.0	0.0	8.0	0.0	8.0	0.0	8.0	0.0	32.00	0.00
		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00
		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00
		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00
SOUTH AND ORANGE RIVER	Cauliflower	2.6	0.0	10.1	0.0	20.2	0.0	20.2	0.0	20.2	0.0	20.2	0.0	93.50	5.65
	Broccoli	16.3	0.0	16.3	0.0	17.5	0.0	17.5	0.0	17.5	0.0	17.5	0.0	102.50	5.25
	Mushroom	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	3.00
		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00
		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00
		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00

Source: NAB 2021

3. EXPECTEDCTED AVAILABILITY PER PRODUCER

Table 2A below, shows the expected month of availability for the 6 special controlled crops, while table 2B shows the availability of Cauliflower, Broccoli and Mushroom as monitored crops, from each production zone.

TABLE: 2A																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
KEYS : BEETROOT  ENGLISH CUCUMBER  SWEET POTATO  WATERMELON  SWEETMELON  LETTUCE 																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
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	MARKET			1-15 Oct-21					16-31 Oct-21					Nov-21					Dec-21					Jan-22					Feb-22																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
NAME OF PRODUCER	I	n	f	o	r	m	a	I	n	f	o	r	m	a	I	n	f	o	r	m	a	I	n	f	o	r	m	a	I	n	f	o	r	m	a	I	n	f	o	r	m	a	I	n	f	o	r	m	a	I	n	f	o	r	m	a	I	n	f	o	r	m	a	I	n	f	o	r	m	a	I	n	f	o	r	m	a	I	n	f	o	r	m	a	I	n	f	o	r	m	a	I	n	f	o	r	m	a	I	n	f	o	r	m	a	I	n	f	o	r	m	a	I	n	f	o	r	m	a	I	n	f	o	r	m	a	I	n	f	o	r	m	a	I	n	f	o	r	m	a	I	n	f	o	r	m	a	I	n	f	o	r	m	a	I	n	f	o	r	m	a	I	n	f	o	r	m	a	I	n	f	o	r	m	a	I	n	f	o	r	m	a	I	n	f	o	r	m	a	I	n	f	o	r	m	a	I	n	f	o	r	m	a	I	n	f	o	r	m	a	I	n	f	o	r	m	a	I	n	f	o	r	m	a	I	n	f	o	r	m	a	I	n	f	o	r	m	a	I	n	f	o	r	m	a	I	n	f	o	r	m	a	I	n	f	o	r	m	a	I	n	f	o	r	m	a	I	n	f	o	r	m	a	I	n	f	o	r	m	a	I	n	f	o	r	m	a	I	n	f	o	r	m	a	I	n	f	o	r	m	a	I	n	f	o	r	m	a	I	n	f	o	r	m	a	I	n	f	o	r	m	a	I	n	f	o	r	m	a	I	n	f	o	r	m	a	I	n	f	o	r	m	a	I	n	f	o	r	m	a	I	n	f	o	r	m	a	I	n	f	o	r	m	a	I	n	f	o	r	m	a	I	n	f	o	r	m	a	I	n	f	o	r	m	a	I	n	f	o	r	m	a	I	n	f	o	r	m	a	I	n	f	o	r	m	a	I	n	f	o	r	m	a	I	n	f	o	r	m	a	I	n	f	o	r	m	a	I	n	f	o	r	m	a	I	n	f	o	r	m	a	I	n	f	o	r	m	a	I	n	f	o	r	m	a	I	n	f	o	r	m	a	I	n	f	o	r	m	a	I	n	f	o	r	m	a	I	n	f	o	r	m	a	I	n	f	o	r	m	a	I	n	f	o	r	m	a	I	n	f	o	r	m	a	I	n	f	o	r	m	a	I	n	f	o	r	m	a	I	n	f	o	r

Table 2A continues.....

[illegible]

Table 2A continues.....

CENTRAL AREA																																		
1	Stiaan Cloete	√	√																															
2	Anton Koekmoer	√	√																															
3	Johannes Meyer	√	√																															
4	Grunnar Waldschmidt	√	√																															
5	Georgy Ellis	√	√																															
6	Jaco van Westhuizen	√	√																															
7	Jacques Cotzee	√	√																															
8	Danie Marais	√	√																															
9	Lonie Hart	√	√																															
10	Jaco Thomas	√	√																															
11	Fritz Krosnik	√	√																															
12	Janean Botes	√	√																															
13	Dirk Wobling	√	√																															
14	Katrina Kandji Black	√	√																															
15	Henk Peters	√	√																															

SOUTH AND ORANGE RIVER AREAS																																		
1	Herman van Dyk	√	√																															
2	Hentie van Dyk	√	√																															
3	Lovisa Sackaria	√	√																															
4	Charl van Rensburg	√	√																															
5	Johan Roux	√	√																															
6	Nico Visser	√	√																															
7	Pieter de Lange	√	√																															
8	Louis Louw	√	√																															
9	Rudie Kotze	√	√																															
10	Jean Roux	√	√																															
11	Francois van Rensburg	√	√																															

Kindly note: Producers not listed herein, it is either they will not be harvesting any of the produce covered by report three or they did not provide the required data to NAB.

Source: NAB 2021

KEYS : CAULIFLOWER		BROCOLLI		MUSHROOM		PERIOD: 01 Oct 2021 TO 28 Feb 2022																														
		MARKET		1-15 Oct-21				16-30 Oct-21				Nov-21				Dec-21				Jan-22				Feb-22												
NAME OF PRODUCER		I	n	F	E	Cauliflower	Broccoli	Mushroom				Cauliflower	Broccoli	Mushroom				Cauliflower	Broccoli	Mushroom				Cauliflower	Broccoli	Mushroom				Cauliflower	Broccoli	Mushroom				
		a	r	a	r																															
CENTRAL AREA																																				
1	Jan Conradie	√	√																																	
2	Dina Strauss	√	√																																	
SOUTH AND ORANGE RIVER AREAS																																				
1	Johan Roux	√	√																																	
2	Charl van Rensburg	√	√																																	
3	G.F van Rensburg	√	√																																	
Kindly note: Producers not listed herein, it is either they will not be harvesting any of the three products or they did not provide the required data to NAB.																																				

Source: NAB 2021

4. EXPECTED PRODUCTION AND DEMAND ANNALYSIS

4.1 TABULATION ANALYSIS OF DOMESTIC DEMAND

According to table 3A, sufficient local supply of Beetroots and English Cucumbers is expected during the forecasted period. While 3B indicate the availability of Boroccoli, Cauliflower and Mushroom.

Table 3A: Analysis of the total expected tonnage for domestic market versus domestic demand.								
Numbers in this table represents tonnage expected to harvested for local and export market Last updated: 19 Sep 2021								
Crops	Expected Surplus or Shortage	1-15 Oct 21	16-31 Oct 21	Nov-21	Dec-21	Jan-22	Feb-22	Total
Beetroot	Expected Tonnage for domestic market	233	37	131	120	67	59	609
	Average Domestic Demand (2019/20)	102	102	102	102	102	102	510
	Surplus / shortage (Tonnage)	131	-65	29	18	-35	-44	99
English Cucumber	Expected Tonnage for domestic market	126	130	177	184	184	130	799
	Average Domestic Demand (2019/20)	105	105	105	105	105	105	525
	Surplus / shortage (Tonnage)	21	25	72	79	79	25	274
Sweet Potato	Expected Tonnage for domestic market	96	66	149	109	21	0	373
	Average Domestic Demand (2019/20)	115	115	115	115	115	115	575
	Surplus / shortage (Tonnage)	-19	-49	34	-6	-94	-115	-202
Watermelon	Expected Tonnage for domestic market	118	136	1099	1448	518	69	3251
	Average Domestic Demand (2019/20)	160	160	160	160	160	160	800
	Surplus / shortage (Tonnage)	-42	-24	939	1288	358	-91	2451
Sweet melon	Expected Tonnage for domestic market	19	65	146	136	65	5	371
	Average Domestic Demand (2019/20)	100	100	100	100	100	100	500
	Surplus / shortage (Tonnage)	-81	-35	46	36	-35	-95	-129
Lettuce	Expected Tonnage for domestic market	65	55	116	112	112	105	510
	Average Domestic Demand (2019/20)	75	75	75	75	75	75	375
	Surplus / shortage (Tonnage)	-11	-21	41	37	37	30	135

Source: NAB 2021

Table 3B: Analysis of the total expected tonnage for domestic market versus domestic demand.								
Numbers in this table represents tonnage expected to harvested for local and export market Last updated: 19 Sep 2021								
Crops	Expected Surplus or Shortage	1-15 Oct 21	16-30 Oct 21	Nov-21	Dec-21	Jan-22	Feb-22	Total
Cauliflower	Expected Tonnage for domestic market	5	12	25	21	21	21	94
	Average Domestic Demand (2019/20)	45	45	45	45	45	45	225
	Surplus / shortage (Tonnage)	-40	-33	-20	-24	-24	-24	-131
Broccoli	Expected Tonnage for domestic market	21	17	23	19	19	22	102
	Average Domestic Demand (2019/20)	36	36	36	36	36	36	180
	Surplus / shortage (Tonnage)	-15	-19	-13	-18	-18	-15	-78
Mushroom	Expected Tonnage for domestic market	4	4	8	8	8	8	36
	Average Domestic Demand (2019/20)	77	77	77	77	77	77	385
	Surplus / shortage (Tonnage)	-73	-73	-69	-69	-69	-69	-349

Source: NAB 2021

5 GRAPHICAL ANALYSIS

Figure 4 and 5 shows that there will be sufficient local supply for Beetroots and English Cucumbers for the forecasted period as illustrated in the figures below.



Figure 3: BEETROOT production forecast for the period
01 Oct 2021 - 28 Feb 2022

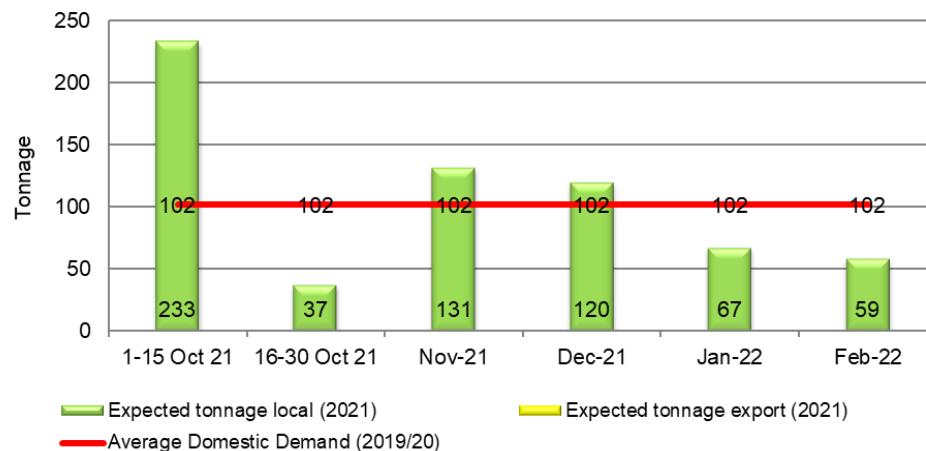


Figure 4: ENGLISH CUCUMBER production forecast for the period- 01 Oct 2021- 28 Feb 2022

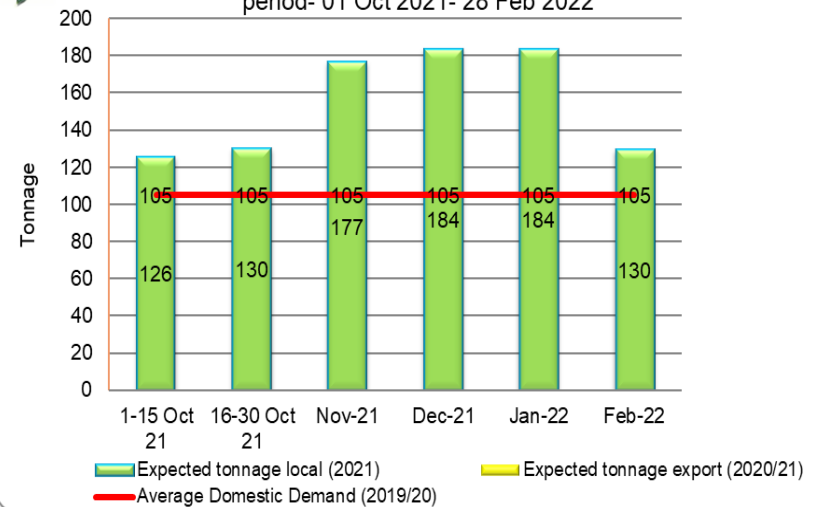


Figure 5: SWEET POTATO production forecast for the period
01 Oct 2021 - 28 Feb 2022

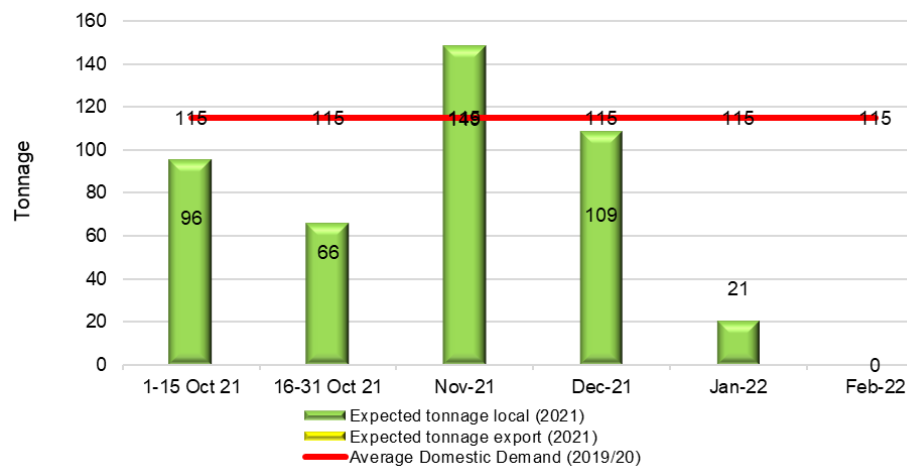


Figure 6: WATERMELON production forecast for the period
01 Oct 2021 - 28 Feb 2022

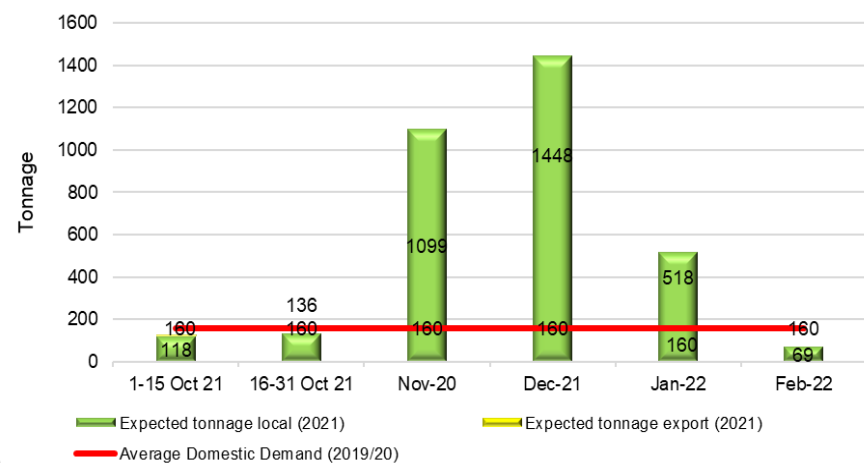




Figure 7: SWEET MELON production forecast for the period
01 Oct 2021- 28 Feb 2022

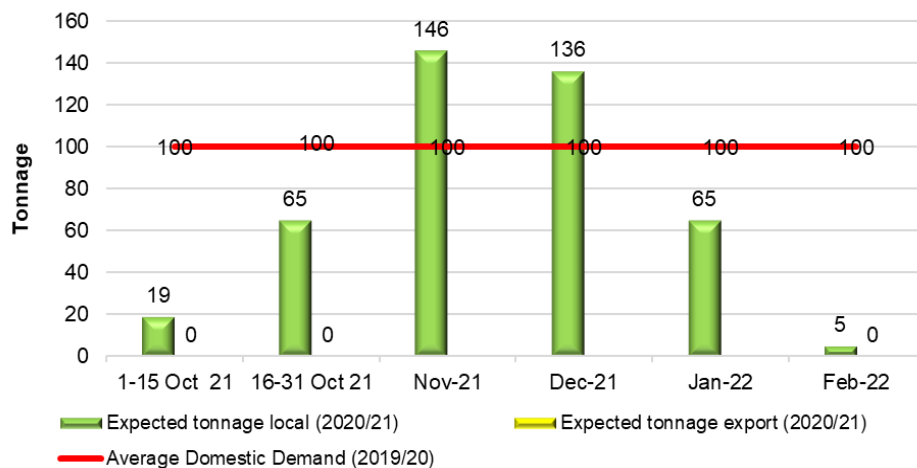
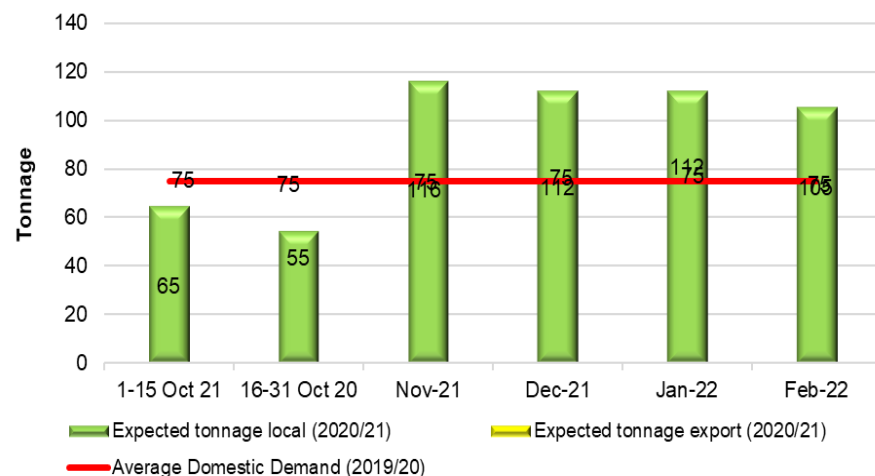


Figure 8: LETTUCE production forecast for the period
01 Oct 2021 - 28 Feb 2022



Graphical analysis continues....



Figure 9: CAULIFLOWER production forecast for the period
01 Oct 2021 - 28 Feb 2022

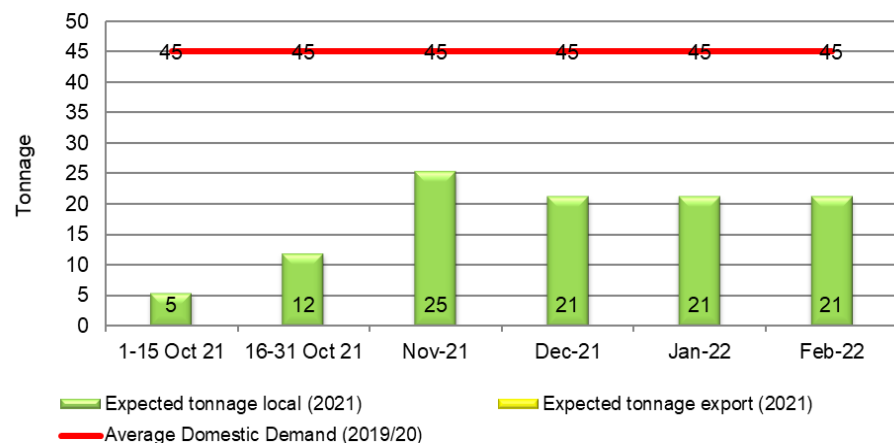


Figure 10: BROCOLLI production forecast for the period
01 Oct 2021- 28 Feb 2022

